

*add*

MAY 1985 -

July 1985

Field notes: Pesagro, PdA, Visit Una

DOK follows grp with Carlo Peres

Wichita release: Pesagro

mammalins

Cold showers; andy sleeps on kitchen  
floor

No. GLTs at Pesagro

Daily routine at Pesagro

Una problem

1st class seat back with liquid  
nitrogen tanks

Ruth: lace

Robert: hangings  
Tapestry

Hotel Fazenda

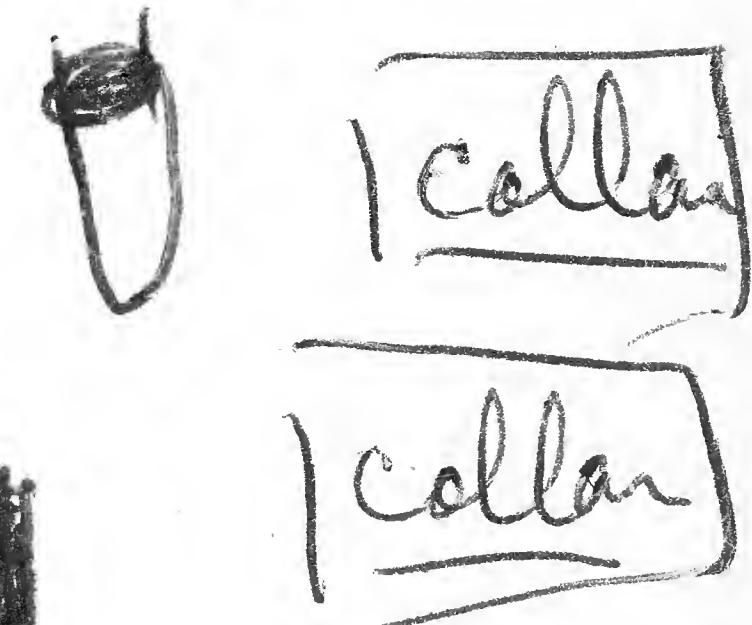
Brazil

1985

Butter Scotch

U RT.  
Th.

Lancelot



Venus

H



Hera

W

Maria

H



Prometheus

Tuon I

V

stub

NO

Lege

P



Jackie

H

2  
2es

f.



Bugle

5/28/85

Out on Carlos Pines  
grid 0548 AM

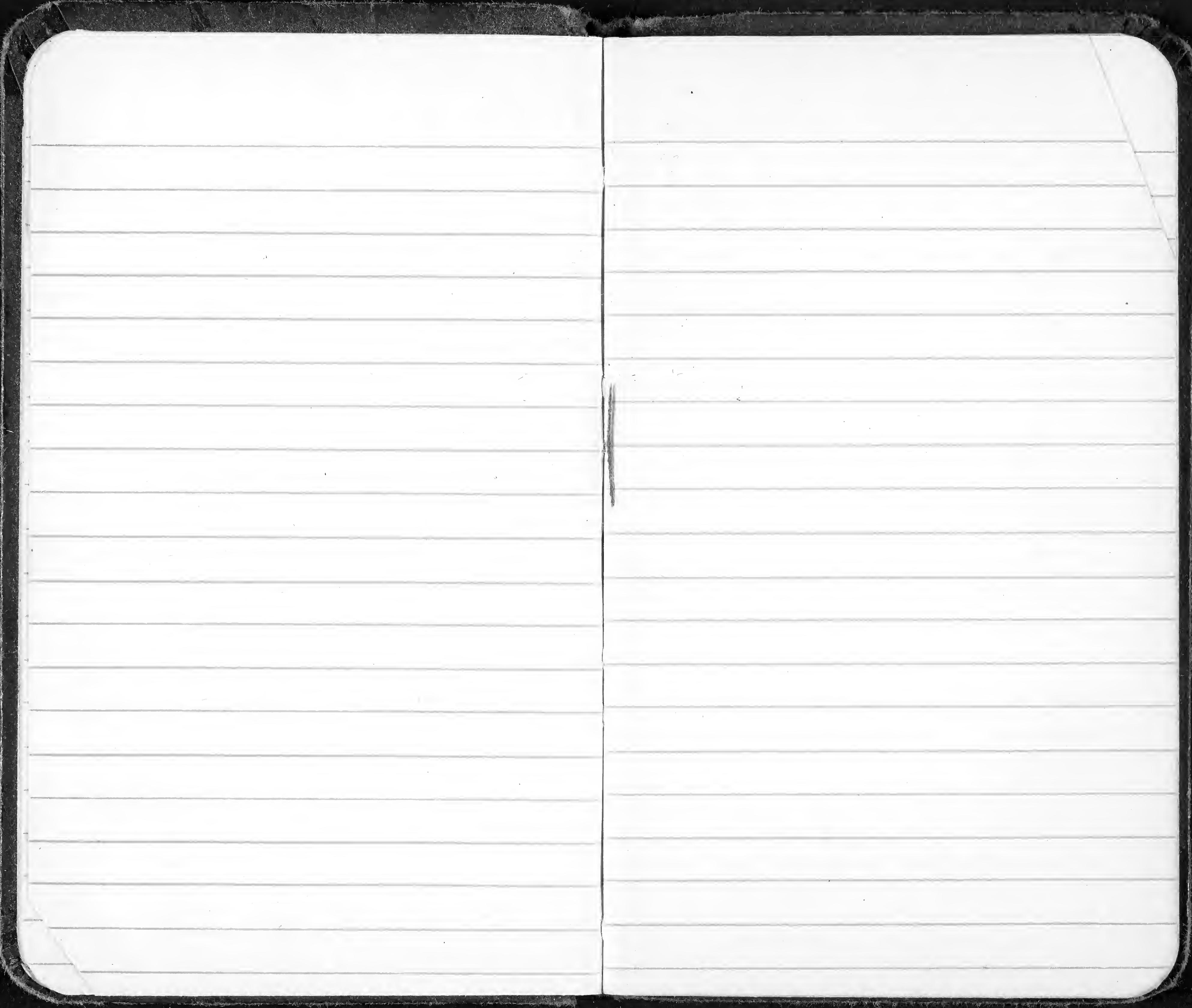
0629

Unable to contact  
monkey's from  
road or top of  
hill. Thinks  
transmitter is dead.

#  
32 + 33

tree hole @  
2 m high.  
on Carlos grid

34-35 Canaria



0700  
down in lowland  
again.

Trans m. works.

0728 - Carlos locates  
animals @ 50 m  
in 2nd growth lowland  
forest outside  
Patch.

0733 - ♀ nest one long  
call

Say thru mud!

0805. Visual contact  
in low stature  
forest  
lowland

0811: 2 L.C.  
near where  
They have encountered  
P10

0820 C. does 10-minutes  
scan - See 2  
animals  
C records  
light; substrate  
activity  
from C 15 m.

0821 LC

Adult ♂ w/ trans.  
S. Adult ♀ w/ dark tail

Animal w/ vs  
FR & sqd.

0826 3 animal

A ♀ SA ♀ AO  
feed in bromeliad

0850 Feeding in  
necker tree w/  
red flowers

LC.  
(arrive 0835)

0852 Lc.

~~Symplocia~~

~~CALOPHYLLUM~~

?  
~~Miconiacae~~

0857/2 LC elements  
w/o chatter.

0903 SA ♀ TC, followed  
A OT

0905 Flower petals clearly  
visible under tree!

Animals leave  
tree -  
moving thru  
incredibly low  
stature forest,

0918 at another  
Calophyllum tree  
feeding on nectar

0930

Resting in crotch  
of tree -  
gscr -  
soft calls

0932 LC element

0939 Resting, but  
whole group not  
together

① A♂, SA♀  
② AF'

0940 AM

A♂ + SA♀ approach  
CP + Rah

@ distance of 10m.

0948 agl sent between  
2 animals  
SA ♀ agl AO ♂

0953 3 L.C. (w/o chatters)  
by (SA O<sup>♂</sup> 2)  
LC (w/o chatters)

Other group members  
resting except  
JG nw.

AO<sup>♂</sup> 1 + SA ♀  
huddled  
Af alone

0955 SA05'2 LC (no  
shatter)

~~After~~ LC from  
trio:

0956 LC SA03

0958 Continued LC  
elements between  
trio (~ 4 m away)  
+ SA03

1000 Crop moved  
directly overhead  
< 5 m height

10<sup>02</sup> AO → JQ

feeding on small  
green fruits

10<sup>11</sup> They move off -  
less visible as  
we move out of  
mud + swamp.

10<sup>20</sup> SA ♀ agl AO →  
TCollar.

♂ has a few times  
slapped her away.

10<sup>30</sup> ~ 20 m away

on bregne.  
Animals have moved  
back in original  
direction.

10<sup>30</sup> - 11<sup>00</sup> Carlos + I  
talk about data  
collection techniques

11<sup>00</sup> - 12<sup>00</sup> we slog  
back thru bregne  
+ grass to  
road.

5/3/85 Out to  
Vera Mc'kiss

7/21/83 Plane -  
arrive w/ Jessie  
late: customs  
→ Reserve w/ Jessie  
chartered w/ Jim  
Party for Elane B day  
Return of Ben

7/22 To CPRJ v1  
Inez, Ben Heale Andy  
Hilkermeier Don Jackson,  
Clay Meyer  
marigold cage Inst N. Conn  
/ home eat charasco

1st: Observ of  
viverrinos & groups  
♀♀ near lab

7/23 Observ w/ Ben  
wake-up - drive to Silva  
Calatravas in <sup>Jordan</sup> chicken  
Coop. shop

talk w/ Jim & Lou Ann  
re:

7/23 Jeanie photos  
n Roll #6  
w/ Vera &  
~~13~~ kids  
rare shots  
100 - 300

Vera eat shrt  
bananas

kids on ground

Process animals

Wichita in 09  
and

Decide on procedure  
for release  
Leave Pesagro

high + late  
7/24 Stay night at  
Pd/H - up late  
+ → Pesagro

Organize for release  
day wet +  
cloudy

had rain as well  
work out feeding  
schedule (concentric  
circles - 8 points -  
5 meters seg)

Release 12:40 as  
part of no of

off -

(None)

First animal out,

@ 13:00 PM

By 13:40 - all out

By except Pepe  
barely out.

- Maria L.C. +

all start

alarm chirping.

Thurs. 25 July 85

① quazo-red winged  
cuckoo  
indicator species for  
glt craddle

② Mandarin  
white-bearded  
mandarin

~~Mandarin~~ *Manix manix*  
craddle / fast.

Focals feeding data +  
Scans on release of  
Wreathed -

rainbow -

Dek + Andy out at 5:00/15  
Proddes N.O. in P.M. <sup>time</sup> circles

hair cuts for Andy  
fire + Ben

cigarettes w/ Chelele/<sup>Indes</sup>  
dinner + sleep Reservoir <sup>cooking</sup>  
<sup>ground</sup> meal

FRIDAY

Tackie vomiting  
Cibele upset due to  
Focals tamarins hungry.

Dek

Crosses Ben's instruction  
Science diet in food  
bowl -

Discussion of a dead tamarin  
with Jim -

How long, how much  
to continue feeding

do feeding data on ~~the~~  
Wichita while no  
released.

Jessie? losing it?

Wichita locomoting

better than expected  
Maria on her  
looking around, but  
finding food sites.

~~Silva Jardim~~

Overnight PdA

Lantern

Aristedes + Jessie  
vehicles

food at Silva Jardim  
cold water showers  
at Pesagro.

Problem of distance:  
between Resagro + PdA

mattress

Andy in kitchen

27 July

+ PdA early  
→ Pick up Silva Jardim  
crew.  
Observe N. S.

Lane fall 10m  
Very noisy group  
in AM.

Find lots of food  
sites

Old driver from  
PdA to ~~Resagro~~ Pesagro.  
in AM

Work w/ Beate +  
NO group until  
~ 4PM. Cibele leaves  
for good.

Jessie cooks Kung Pao  
chicken

Everyone else at wedding

28 July

Ovoo NO group  
work w/ Ben; then

Ben + ones at N.O.  
Butterscotch looks  
hungry, thirsty, locomotives  
poorly

Dietz comes in @ 2 PM  
Jessie + I return to  
Pd A w/ Dietz, Carla,  
Xianka Edman + Diane

Pass baptism in Silva Jardim

29 July 85 Monday

Take Jessie out

See Cerro apereas  
new railroad  
tracks

30 July out in  
field  $\frac{1}{2}$  W. ch  
 $\frac{1}{2}$  N.O.

Butterscotch probably  
aborted.

Bad cond. 30 July  
Bella movement etc.

31 July also  
carrying soliciting  
Pellow Prometheus  
her son.

N.D.

Animals have quick  
bit of fruit when  
available; Men up  
high to sun themselves

Nights N.D.

B 6009

V 606

P 585

H 520

L 702

Weigh N.D.

dinner in Silvia Jardim  
discuss nest approaches  
w/ Ben & Jim

Develop plan

NB movement

Bees  
at Dutch  
group

Describe lesson

Viviro placed

Thurs.

Aug - Picked up Silvia Jardim  
killed Corcell <sup>Starker</sup>

Stayed w/ Wtch. motor

Mary + Zeke

Zeke sick

Travel permit with  
@ 1520 - Mary.

Maria takes off

Returns @

1700 to N.B. { begin 1PM  
feeding

Meanwhile { end distributed  
Bees, ones + foods

Jim's are building  
micromani platform

for group to  
learn

ones, Zeke, + Andy off for 2  
days

Aug Wake up on  
watch

N.O. group moved  
out & slept out.

Watch hungry &  
deceiving all yellow  
flag sites.

Do animals cue on  
positions of previous  
food or all yellow  
flag sites?

Tried some of trail  
system —

Micro-manipulate in  
Wichita group

Feed N.O. group

up hillside

Swing floor

Illustration @ living

Zique Oney Andy

Problem w/ Mary &  
Zique

Blassey Meet Dionizio in  
Sri Va Jardim

Dinner at PDA      Weather  
discuss Andy moon  
Zique & Oney  
Jim & Lou Ann's  
future  
budgets etc.

3 Aug Saturday

Drove in & pick  
up Paulo Elizao & Andrea  
→ Reserva

Check animals

Return to hotel

Weigh animals with  
Ben

N.O. slept out in  
2 separate trees.

Lazy day.

Claudio & Suzanne

Sunday 4<sup>th</sup>

Churrasco

Monday 5<sup>th</sup> Fly to  
Salvador

Tues. or

Orlando - Delegacion  
de Bahia

Clea - assistant

Saturday -

Director of Reserva  
~~Uma~~

CEPLAC

\$1250,000 to buy  
out squatters

Saturnino's 8/7

Group size 11, 12, 2  
average 8'

Have released several  
Has one in captivity  
destined to go to  
Carmen Alonso - Young  
of monkeys  
Fewer available  
to be confiscated  
than previously.

Have 2 other primates  
~~Cebus~~  
a white monkey - maybe  
Cebus Xanthosternus -

Have maned sloth  
& 2 other sloth species

world cost \$ 111,000  
to remove 80% of  
squatters.

They have \$ 50,000 for  
removal. There is  
\$ 45,000 in Brasilia  
from WWF Intern.  
~~for which~~ whose  
~~purpose~~ purpose  
is unclear.

Entry road off asphalt is  
4 km to be improved by  
CEPLAC, cacao ppl.

Have house w/ 3 bedrooms  
& kitchen & office,  
running H<sub>2</sub>O; drinkable,  
4 km from entry to  
headquarters.

~~Ind wooden house  
w/ 3 1/2 rooms~~

~~Chrysomelids often  
cross walls in  
reservoir~~

~~Have @ 2700 ha  
in good forest w/o  
squatters - Have  
tree system w/ l  
guards follow.~~

~~7 guards plus  
watchdog director  
1 4WD vehicle  
1 VW bus  
Use 8 hours for patrol  
30 km to electricity~~

~~Good H2O supply -  
Bathrooms functional -~~

~~Had 5 GHT in tiny cage  
wh/ brought in wild  
group behind wooden  
house.~~

~~Near Reserva -  
cacao, rubber,  
with banana as early crop  
befor cacao grows up.~~

~~Fire ~~not~~ problem  
within forest, but  
arson on edge -~~

~~Fire not problem.~~

~~Forest taller than ~~trees~~  
diameter trees -~~

~~For cacao maintain  
tall trees for shade.~~

rice river below  
ruined horse where  
hybrids stayed.

Apparently CHT  
co-exists w/ cacao.

Cacao not considered  
match by IBDF  
Need to maintain 20%  
in match.

Use insecticides  
a lot in cacao  
plantations

About  $\frac{1}{2}$  season  
w/ squatters.

Squatters cannot plant.

3c 2 million Cz/ha  
to buy land

Was land more expensive,  
to purchase because it's  
good cropland.

Squatters asking more than  
\$ 250,000 - That  
estimate by Orlands was the  
current appraised value.

Proposal by IBDF (Renato)  
for CEPLAC to donate  
land + building  
facility for rehabilitation  
of CHT. No current  
plans for such.

CEPLAC said they could  
afford ppl + vets  
Although they could  
construct facility "donate land."

Saturnino thinks there  
is lots of land available  
of Reserve, with forest

~~Reserve not completely fenced.~~

~~Takes 5 hrs to get to &  
from where squatters are.~~

~~There are GHTs where  
squatters are; lots of mud  
& bad roads.~~

~~60 families in Reserve,  
perhaps hunting  
sometimes.~~

~~More GHTs seen on  
2nd growth; on edges  
(in scrub).~~

~~Cheaper to buy  
out squatters than  
find new land.~~

Gosses

Have seen groups >10

~~Rubber plantations  
drop insecticide by  
airplane~~

~~psalms~~

~~Melastomataceae.~~

~~2 sep w/ fruit~~

~~Water-driven pump~~

~~self  
Ranjo stable~~

~~need to control H2O level.~~

0800 - 10<sup>35</sup>

Walk thru one  
forest -

Beck

Observes group of  
*Cebus apella*  
*Xanthosternus*

~~had~~ thin straggly  
few across support

Not very high  
relative to Rylands  
Report -

Director says not cut  
but clearly cut.

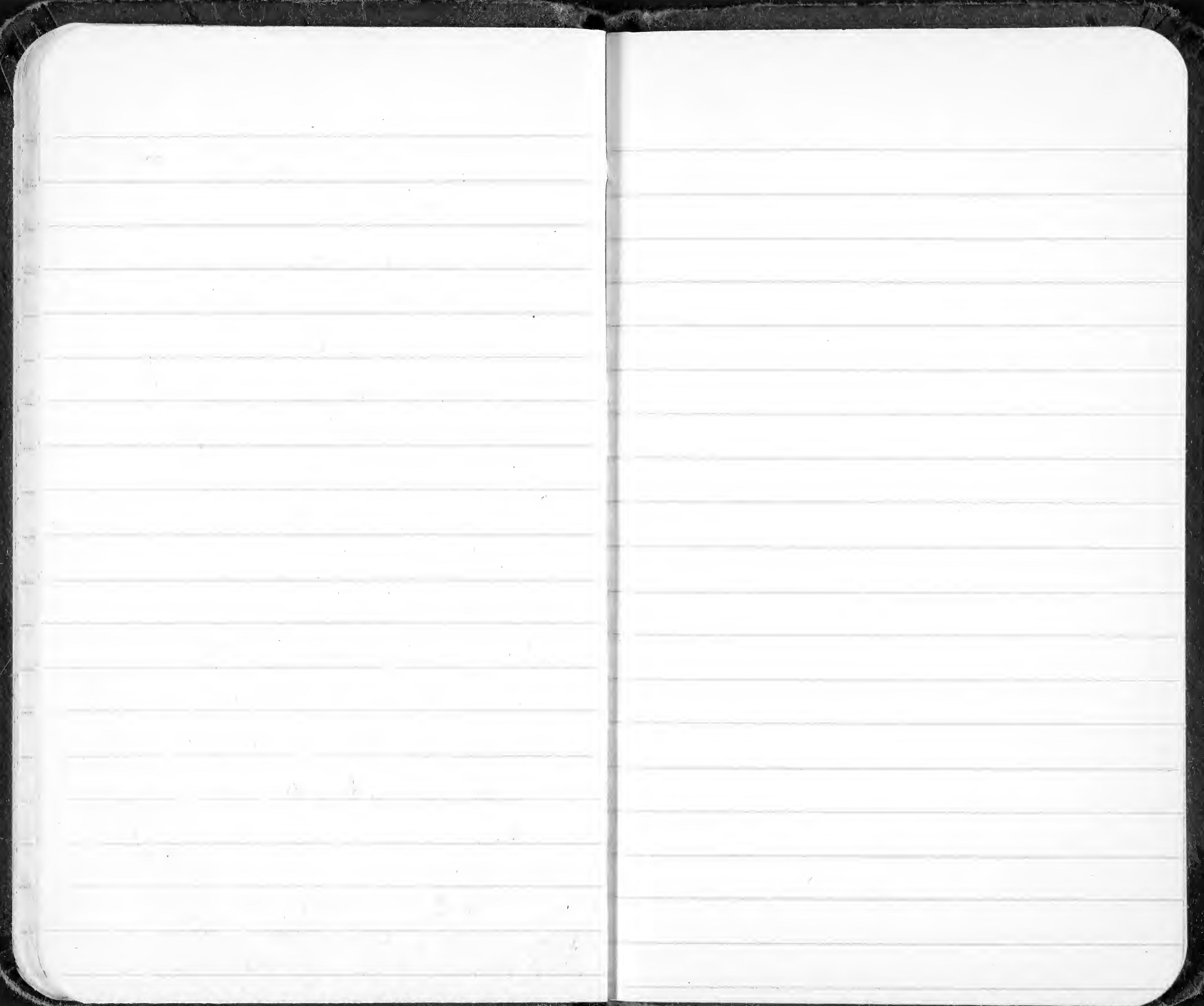
Walk takes until  
1500 hours.

Some hilly sections  
much along the  
Reserve boundary.  
Only small percent is  
forest with large  
diameter trees that  
I consider mature.

Return to house \*  
find GHLT wild  
near rivers; ~~and~~  
seems tame; coming in to  
young ♀ & ♂ in rivers.

Have to climb over 3  
rivers (some on twice)  
on log.

Think forest —  
sea, slope, selective cutting,  
soil type, amt of cutting.



9 Aug 85

Drive → IBDF agent  
meet Noe -

broke rising wh / was  
selling animals to  
Rio & São Paulo @  
18 mos ago.

Caught them w/ 16  
GHT @ 18 mos ago.  
Have a Harpie  
at a filling station.

To meet w/ Regional  
Coordinator of CEPLAC

I One man was smuggling  
GHTs out of @ once / mo.  
Used captive animal as  
a decoy to bring animals in.

Released 12/16 of  
confiscated animals  
into Una reserve.

Noé - The CEPLAC - paid  
person working for  
IBDF.

Like a chief warden or  
guard. Involved with  
confiscating animals  
before Saturnino arrived  
(1 year ago).-

CEPLAC agreed to  
survey <sup>cacao</sup> growers for  
evidence of GHIs

Agric. extension  
~ 96 ext. offices  
in region  
w/ 400 admin.  
+ 700 workers  
teaching people on  
methodology of growing  
cacao w/ conservat<sup>s</sup>  
specie<sup>s</sup>

Suggest Feb seminar

Get to airport  
nearly late.

arrive

Belo - Hotel Amazonas

Visit - Artesanato

Bastos

dinner Alpino Rest.

Fly to Rio -

call Bastos

work on letter to

IBDF Rio airport

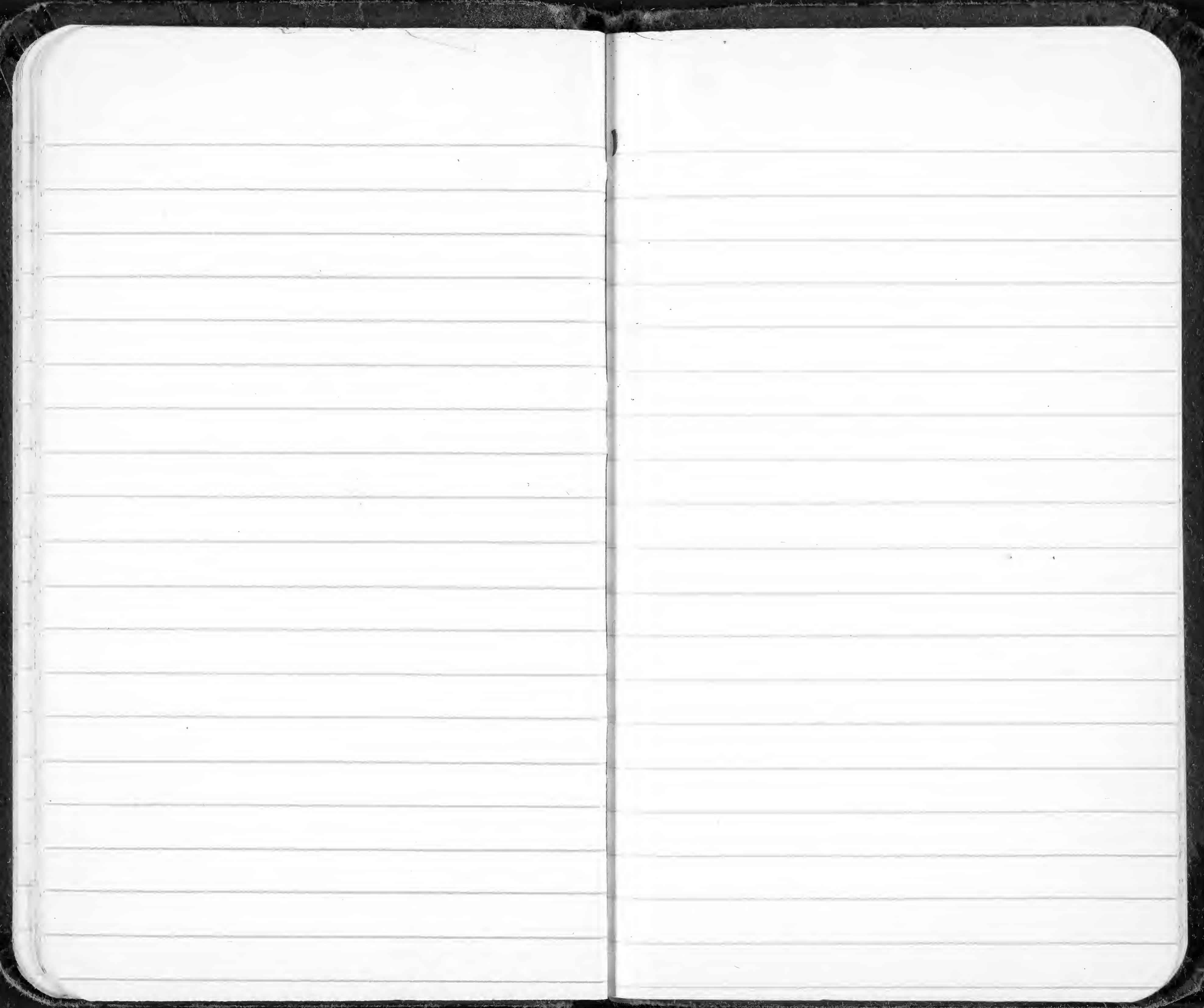
→ Berant

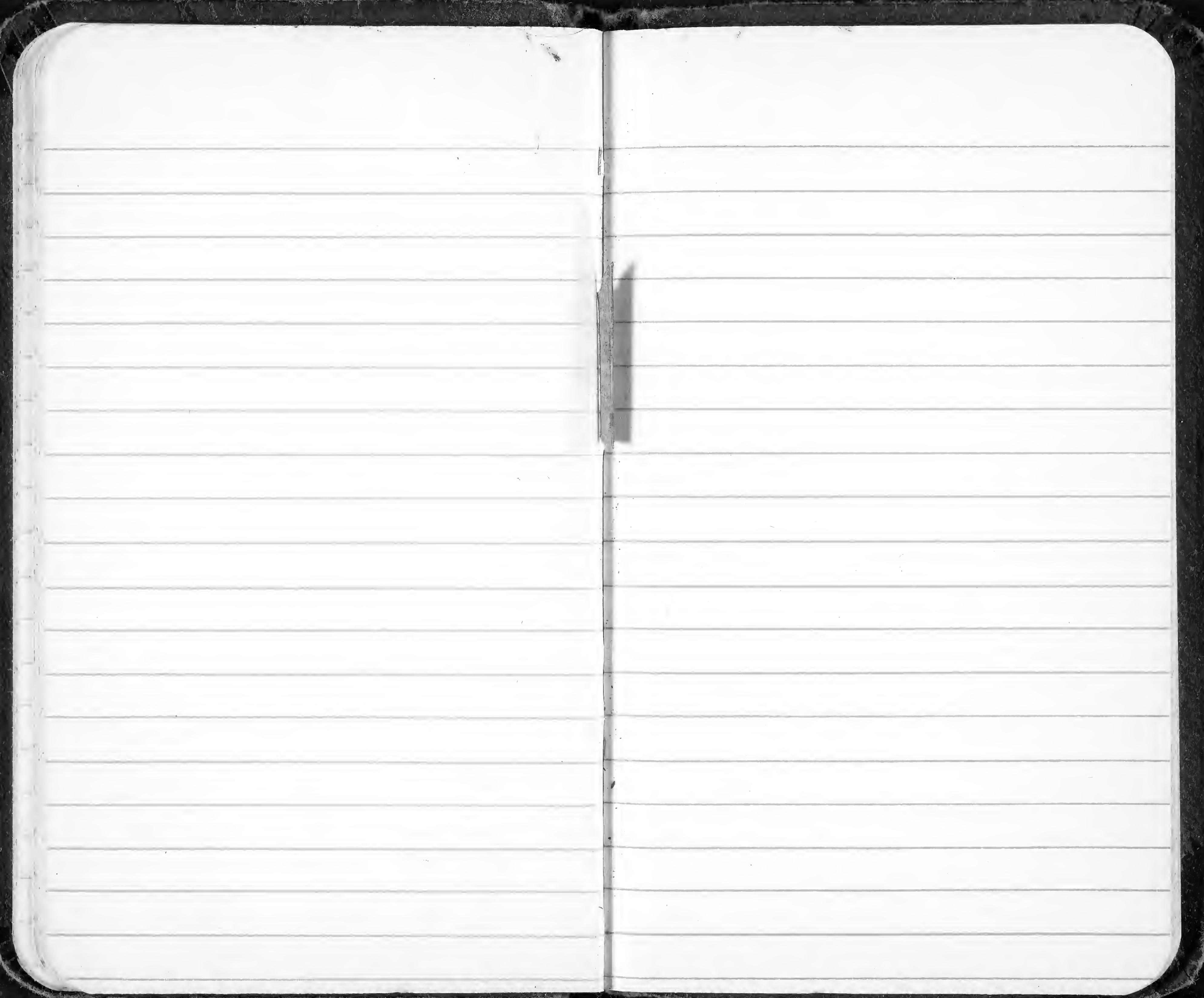
Tattoosed GIB ??  
for sale.

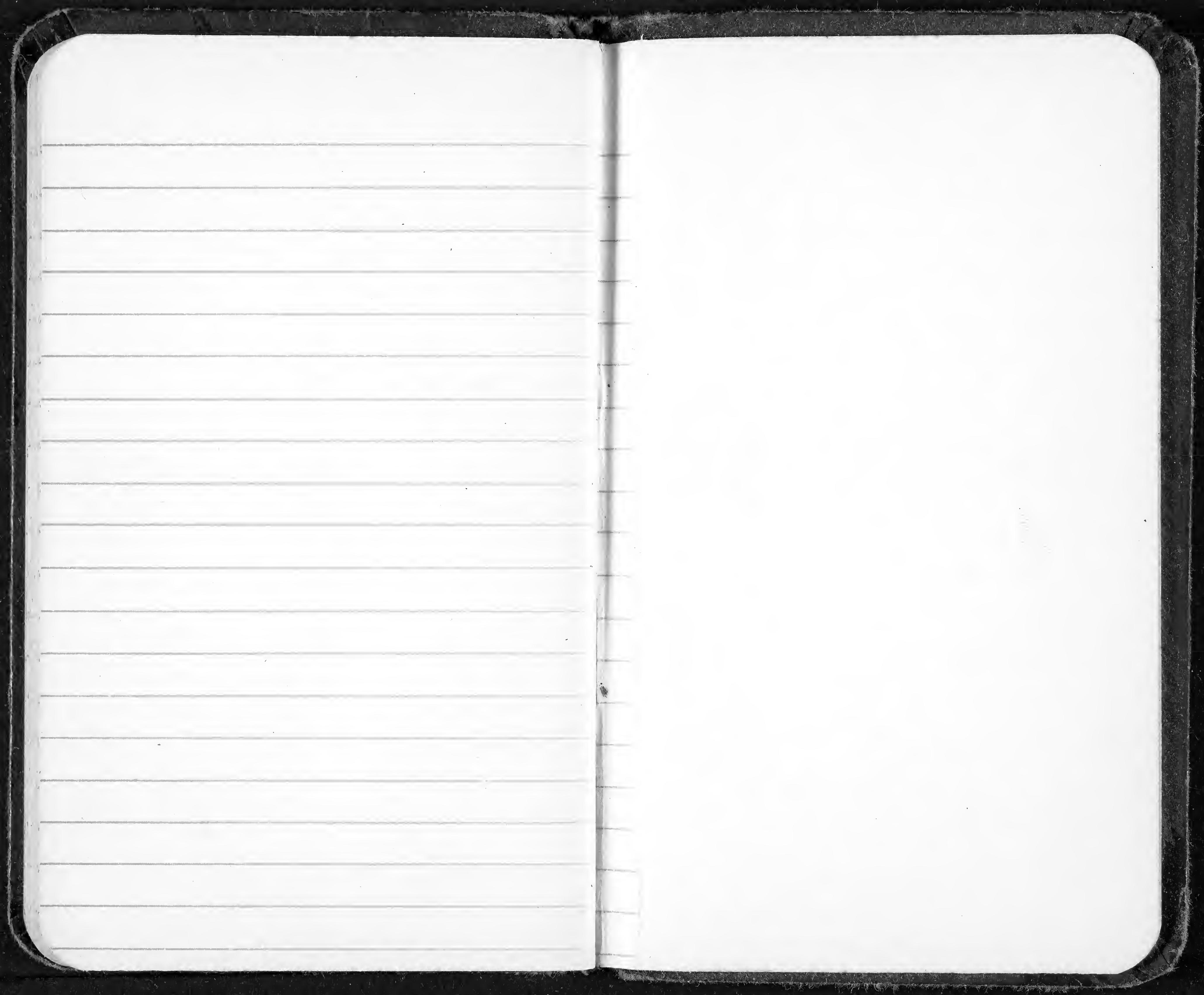
Return to airport  
Liquind nitro. tank  
30 July Ticket  
(10 Aug)

1st class seat.

Tues, Andy, Jim Ellis,  
Claudia Ladua  
Lou Ann from B + B.







~~Howson~~ May-June →  
① doesn't open daily  
mail

② Sand 14,000 in  
week.

Deep part 5,000  
own dollars in  
nearly bounced chk: 12 hrs  
\$ 18,000 now 6 mos into  
year / not in  
8000 WPTT not in

③

Casimiro  
call Betty

Bus 109 Macáé

reforestation plots  
~~bird banding~~ ~~birds~~  
~~radio telemetry~~  
~~bait stations~~ Laurence  
~~trapping~~ phenology  
~~nest record~~  
~~topping tree tops~~  
guards maned sloths  
~~nesting sloths~~  
~~estimating~~  
~~etc.~~  
~~Richardson + gamblers~~  
Bionys  
Yves Hublet  
I bromiliads - Ricardo + Elena  
birds - Lawrence ~~10:30~~  
- meet Carlos <sup>10:30</sup> ~~11:00~~ after  
melt Beth noon  
asphalt

**7530-00-222-0078**  
**FEDERAL SUPPLY SERVICE**